

## § 810.1403

contains not less than 98.0 percent kernels with a white pericarp, and contains not more than 2.0 percent of sorghum of other classes. This class includes sorghum containing spots that, singly or in combination, cover 25.0 percent or less of the kernel.

(4) *Mixed sorghum*. Sorghum which does not meet the requirements for any of the classes Sorghum, Tannin sorghum, or White sorghum.

(d) *Damaged kernels*. Kernels, pieces of sorghum kernels and other grains that are badly ground damaged, badly weather damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, or otherwise materially damaged.

(e) *Dockage*. All matter other than sorghum that can be removed from the original sample by use of an approved device according to procedures prescribed in FGIS instructions. Also, underdeveloped, shriveled, and small pieces of sorghum kernels removed in properly separating the material other than sorghum.

(f) *Foreign material*. All matter, except sorghum, which passes over the number 6 riddle and all matter other than sorghum that remains on top of the 5/64 triangular-hole sieve according to procedures prescribed in FGIS instructions.

(g) *Heat-damaged kernels*. Kernels, pieces of sorghum kernels, and other grains that are materially discolored and damaged by heat.

(h) *Nongrain sorghum*. Seeds of broomcorn, Johnson-grass, *Sorghum alnum* Parodi, and sudangrass; and seeds of *Sorghum bicolor* (L.) Moench that appear atypical of grain sorghum.

## 7 CFR Ch. VIII (1–12 Edition)

(i) *Pericarp*. The pericarp is the outer layers of the sorghum grain and is fused to the seedcoat.

(j) *Sieves*—(1) *1.98 mm (5/64 (0.0781) inches) triangular-hole sieve*. A metal sieve 0.81 mm (0.032 inches) thick with equilateral triangular perforations the inscribed circles of which are 1.98 mm (0.0781 inches) in diameter.

(2) *0.99 mm (2 1/2 /64 (0.0391) inches) round-hole sieve*. A metal sieve 0.81 mm (0.032 inch) thick with round holes 0.99 mm (0.0391 inches) in diameter.

[52 FR 24418, June 30, 1987, as amended at 52 FR 24437, June 30, 1987; 52 FR 28534, July 31, 1987; 57 FR 58971, Dec. 14, 1992; 72 FR 39732, July 20, 2007]

### PRINCIPLES GOVERNING THE APPLICATION OF STANDARDS

#### § 810.1403 Basis of determination.

Each determination of broken kernels and foreign material is made on the basis of the grain when free from dockage. Each determination of class, damaged kernels, heat-damaged kernels, and stones is made on the basis of the grain when free from dockage and that portion of the broken kernels, and foreign material that will pass through a 1.98 mm (5/64 inches) triangular-hole sieve. Other determinations not specifically provided for in the general provisions are made on the basis of the grain as a whole except the determination of odor is made on either the basis of the grain as a whole or the grain when free from dockage, broken kernels, and foreign material removed by the 1.98 mm (5/64 inches) triangular-hole sieve.

[57 FR 58971, Dec. 14, 1992]

### GRADES AND GRADE REQUIREMENTS

#### § 810.1404 Grades and grade requirements for sorghum.

Grading factors	Grades U.S. Nos. <sup>1</sup>			
	1	2	3	4
<b>Minimum pound limits of</b>				
Test weight per bushel .....	57.0	55.0	53.0	51.0
<b>Maximum percent limits of</b>				
Damaged kernels:				
Heat (part of total) .....	0.2	0.5	1.0	3.0
Total .....	2.0	5.0	10.0	15.0